JOURNAL OF PATHOLOGY, VOLUME 115

INDEX OF SUBJECTS

PAGE

ANTHRAQUINONE, melanosis coli: studies of the toxic effects of irritant purgatives 199
AORTA, diet-induced aortic atherosclerosis in Malaysian long-tailed monkeys (*Macaca irus*) 163
APE(S), ulcerative colitis: a comparison with the human disease . . . 241
APOCRINE GLANDS, metaplasia in cystic mastopathy 211
ARTERIES, PULMONARY, clinico-pathological study of sarcoidosis. 191
ARTHUS REACTION and the local Schwartzman reaction: comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin 111
ATHEROSCLEROSIS, aortic, induced by diet in Malaysian long-tailed monkeys (*Macaca irus*). 163
ATRIO-VENTRICULAR OSTIUM and pulmonary stenosis: prolonged survival . 127

BACTERIAL SPECIES, experimental bacterial endocarditis: structure and evolution of very early lesions 81
BILE DUCTS, ATRESIA and the Dandy-Walker anomaly in a neonate with 45,X Turner's Syndrome . . . 227
BLOOD, effects of corticosteriod treatment and inflammation on the cellular content of blood and exudate in mice . 17
BRAIN, ependymoblastoma of the pons . 207
BREAST, apocrine metaplasia in cystic hyperplastic mastopathy . . . 211

CARTILAGE, morphological patterns of articular cartilage fibrillation . . 231
CELL-FUSION, genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid 1
CHEMOTAXIS, eosinophilotactic factor derived from rat mast cells . . . 91
CHROMOSOME, biliary atresia and the Dandy-Walker anomaly in a neonate with 45,X Turner's Syndrome . . 227
genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid 1
COBRA VENOM FACTOR, Arthus reaction and the local Schwartzman reaction in guinea-pig skin: comparison of the effect of various antisera and cobra venom factor 111
non-specific inflammation due to the intradermal injection of turpentine: comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin 97
COLITIS ulcerative in apes: comparison with the human disease . . . 241
COLON, melanosis coli: studies of the toxic effects of irritant purgatives . . 199
COMPLEMENT, Arthus reaction and the local Schwartzman reaction: comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin . . 111
non-specific inflammation due to the intradermal injection of turpentine: comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin 97
COMPOUND 48/80, eosinophilotactic factor derived from rat mast cells . . 91
CORDS, VOCAL, ulceration and necrosis in hospital and unexpected child deaths. 27
CORTICOSTEROIDS, effects of treatment and inflammation on the cellular content of blood and exudate in mice . . 17

DANDY-WALKER ANOMALY in a neonate with 45,X Turner's Syndrome: biliary atresia 227
DEATH, unexpectedly in children with ulceration and necrosis of vocal cords 27
DIET-induced aortic atherosclerosis in Malaysian long-tailed monkeys (*Macaca irus*) 163
DIFFERENTIATION, morphological: genetic determinants in a lymphoma-sarcoma hybrid 1
DUCTULI EFFERENTES, brown patches in the epididymis 57

ELECTRON-MICROSCOPE STUDY, apocrine metaplasia in cystic hyperplastic mastopathy 211
biochemical and ultrastructural study of hexachlorophane-induced fatty liver in sheep 33
development of the human type II pneumocyte 245

PAGE

ELECTRON-MICROSCOPE STUDY—*contd.*
experimental bacterial endocarditis: structure and evolution of very early lesions 81
histological effects of lipids on the liver and spleen of mice 63
homograft and heterograft heart valves. 147
initial changes in epithelium damaged by surface freezing: ultrastructural study 131
melanosis coli: studies of the toxic effects of irritant purgatives . . 199
pulmonary sarcoidosis: a clinico-pathological study 191
ultrastructure of the abnormal reticulum cells in Hodgkin's disease . . 45
ultrastructural changes in muscle following freezing *in situ* by a surface cold probe 139
ENDOCARDITIS, experimental bacterial: structure and evolution of very early lesions 81
ENZYMES, LYSOSOMAL, melanosis coli: studies of the toxic effects of irritant purgatives 199
EOSINOPHILOTACTIC factor derived from rat mast cells 91
EPENDYMOBLASTOMA of the pons . . 207
EPIDIDYMIS, brown patches 57
EPITHELIUM damaged by surface freezing: ultrastructural study of initial changes 131
ETHYL PALMITATE, effects of simple lipids on macrophages *in vitro* 13
EXUDATE in mice: effects of corticosteroid treatment and inflammation on the cellular content 17

FATTY DEGENERATION, ultrastructural and biochemical study of hexachlorophane-induced fatty liver in sheep . . 3
FOETUS, development of the human type II pneumocyte 245
FREEZING, SURFACE, epithelial damage: ultrastructural study of initial changes 131
ultrastructural changes in muscle following freezing *in situ* by a surface applied cold probe 139

GRANULOMA, brown patches in the epididymis 57
GUINEA PIG skin: Arthus reaction and the local Schwartzman reaction: comparison of the effect of various antisera and cobra venom factor 111
hyperacute rejection of guinea-pig to rat cardiac xenografts 183
non-specific inflammation due to the intradermal injection of turpentine: comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin 97

HAMSTERS, ultrastructural changes in muscle following freezing *in situ* by a surface applied cold probe . . 139
ultrastructural study of initial changes in epithelium damaged by surface freezing 131
HEART, hyperacute rejection of guinea-pig to rat cardiac xenografts . . . 183
light and electron microscopy studies on homograft and heterograft heart valves 147
HEART, CONGENITAL DISEASE, prolonged survival with persistent atrioventricular ostium and pulmonary stenosis. . 127
HEXACHLOROPHANE-induced fatty liver in sheep: ultrastructural and biochemical study 33
HISTOCHEMISTRY, apocrine metaplasia in cystic hyperplastic mastopathy . . 211
melanosis coli: studies of the toxic effects of irritant purgatives . . 199
HODGKIN'S DISEASE, ultrastructure of the abnormal reticulum cells . . . 45
HOMOGRAFTS and heterograft heart valves: light and electron microscopy studies 147
HORSE, haemorrhagic nasal polyps . . 51
HOSPITAL and unexpected child deaths: ulceration and necrosis of vocal cords 27
HYBRIDS, CELL, genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid . . 1
HYPERCHOLESTEROLAEMIA, diet-induced aortic atherosclerosis in Malaysian long-tailed monkeys (*Macaca irus*) . 163
HYPERTENSION, PULMONARY, clinico-pathological study of pulmonary sarcoidosis 191

INFANTS and CHILDREN, biliary atresia and the Dandy-Walker anomaly in a neonate with 45,X Turner's Syndrome 227
cystic partially differentiated nephroblastoma 175
ulceration and necrosis of vocal cords in hospital and unexpected child deaths 27
INFLAMMATION, Arthus reaction and the local Schwartzman reaction in guinea-pig skin: comparison of the effect of various antisera and cobra venom factor 111
effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice . . 17
non-specific, due to the intradermal injection of turpentine in guinea-pigs: comparison of the effect of various antisera and cobra venom factor . 97

PAGE

JOINTS, morphological patterns of articular cartilage fibrillation . . . 231

KIDNEY, cystic partially differentiated nephroblastoma 175
KUPFER CELLS, histological effects of lipids on the liver and spleen of mice . 63

LARYNX, ulceration and necrosis of vocal cords in hospital and unexpected child deaths 27
LEPROSY, nasal: histopathology . . 215
LIPIDS, histological effects on the liver and spleen of mice 63
simple: effects on macrophages *in vitro* 13
LIVER and spleen of mice: histological effects of lipids 63
ultrastructural and biochemical study of hexachlorophane-induced fatty liver in sheep 33
LUNG, clinico-pathological study of sarcoidosis 191
development of the human type II pneumocyte 245
LYMPHOMA-sarcoma hybrid: genetic determinants of morphological differentiation 1
ultrastructure of the abnormal reticulum cells in Hodgkin's disease . 45

MACROPHAGE(S) *in vitro*: effects of simple lipids 13
ultrastructure of the abnormal reticulum cells in Hodgkin's disease . . 45
MAST CELLS, oesinophilotacic factor derived from rats 91
MASTOPATHY, CYSTIC, apocrine metaplasia in hyperplastic 211
MELANOSIS COLI, studies of the toxic effects of irritant puragtives . . . 199
MONKEY(S), Malaysian long-tailed (*Macaca irus*), diet-induced aortic atherosclerosis in 163
MOUSE (MICE), effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate . . 17
genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid 1
histological effects of lipids on the liver and spleen 63
testis infected with *Myobacterium leprae* 73
MUSCLE, ultrastructural changes following freezing *in situ* by a surface-applied cold probe 139
MYOBACTERIUM LEPRAE, histopathology of lepromatous leprosy in the nose . 215
testis in mice infected with . . . 73

PAGE

NECROSIS and ulceration of vocal cords in hospital and unexpected child deaths. 27
NEPHROBLASTOMA, cystic partially differentiated 175
NOSE, haemorrhagic ployps of the horse . 51
histopathology of lepromatous leprosy . 215

PARAMETHASONE, effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice 17
PERMEABILITY, effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice 17
PHAGOCYTOSIS, effects of simple lipids on macrophages *in vitro* . . . 13
PIG, light and electron microscopy studies on homograft and heterograft heart valves 147
PNEUMOCYTE, TYPE II, human: development of 245
POLYPS, NASAL, haemorrhagic, of the horse 51
PONS, ependymoblastoma 207
PULMONARY VALVE STENOSIS, prolonged survival with persistent atrioventricular ostium 127
PURGATIVES, irritant, studies of the toxic effects: melanosis coli . . . 199

RABBITS, experimental bacterial endocarditis: structure and evolution of very early lesions 81
RAT(S), eosinophilotactic factor derived from mast cells 91
hyperacute rejection of guinea-pig to rat cardiac xenografts 183
RETICULUM CELLS in Hodgkin's disease: ultrastructural study 45
RHABDOMYOMA of the vagina . . . 179

SARCOIDOSIS, pulmonary: clinico-pathological study 191
SCHWARTZMAN REACTION, comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin 111
SHEEP, ultrastructural and biochemical study of hexachlorophane-induced fatty liver 33
SKIN, comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pigs: non-specific inflammation due to the intradermal injection of turpentine 97
SPLEEN of mice: histological effects of lipids 63

TESTIS in mice infected with *Mycobacterium leprae* 73

PAGE

TRICAPRIN, effects of simple lipids on macrophages *in vitro* . . . 13
TUMOURS, ANIMAL, INDIVIDUAL, genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid 1
TUMOURS, HUMAN, INDIVIDUAL, cystic partially differentiated nephroblastoma . 175
rhabdomyoma of the vagina . . 179
TURNER'S SYNDROME, 45,X: biliary atresia and the Dandy-Walker anomaly in a neonate 272
TURPENTINE, intradermal injection causing non-specific inflammation: comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin . 97

ULCERS and necrosis of vocal cords in hospital and unexpected child deaths. 27

VAGINA, rhabdomyoma 179
VALVE, HEART, homograft and heterograft: light and electron microscopy studies 147
prolonged survival with persistent atrioventricular ostium and pulmonary stenosis 127

XENOGRAFT, cardiac: hyperacute rejection of guinea-pig to rat . . . 183

INDEX OF AUTHORS

PAGE

AHMED, ALI, apocrine metaplasia in cystic hyperplastic mastopathy . . . 211

APARICIO, S. R., DONNELLY, R. J., DEXTER, F., and WATSON, D. A., light and electron microscopy studies on homograft and heterograft heart valves . 147

BROWN, JENNIFER M., cystic partially differentiated nephrobltoasma . . 175

CARR, IAN, the ultrastructure of the abnormal reticulum cells in Hodgkin's disease 45

CATTELL, VICTORIA, and JAMIESON, S. W., hyperacute rejection of guinea-pig to rat cardiac xenografts . . . 183

COCHRAN, A. J., WIENER, F., KLEIN, G., and HARRIS, H., genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid . . 1

COLIN-JONES, D. G., and STEER, H. W., melanosis coli: studies of the toxic effects of irritant purgatives . . 199

CRUICKSHANK, C. N. D., and MANN, PATRICIA, R., an eosinophilotactic factor derived from rat mast cells . 91

CRUZ NETO, J. N., QUEIROZ, L. S., and LOPES DE FARIA, J., an ependymoblastoma of the pons . . . 207

CULLITY, G. J., and EMERY, JOHN, L., ulceration and necrosis of vocal cords in hospital and unexpected child deaths 27

CURRAN, R. C., JUDD, P. A., and FINNEGAN, P., pulmonary sarcoidosis: a clinico-pathological study . . 191

DAVIES, G. E., and THOMPSON, AUDREY, effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice . . 17

DEXTER, F., APARICIO, S. R., DONNELLY, R. J., and WATSON, D. A., light and electron microscopy studies on homograft heart valves 147

DONNELLY, R. J., APARICIO, S R., DEXTER, F., and WATSON, D. A., light and electron microscopy studies on homograft and heterograft heart valves . 147

DURACK, D. T., experimental bacterial endocarditis. IV. Structure and evolution of very early lesions . . 81

EMERY, JOHN L., and CULLITY, G. J., ulceration and necrosis of vocal cords in hospital and unexpected child deaths 27

PAGE

EUSEBI, V., and GAD, A., rhabdomyoma of the vagina 179

FERGIE, I. A., and MEACHIM, G., morphological patterns of articular cartilage fibrillation 231

FINNEGAN, P., JUDD, P. A., and CURRAN, R. C., pulmonary sarcoidosis: clinicopathological study 191

GAD, A., and EUSEBI, V., rhabdomyoma of the vagina 179

HALL, GRAHAM, A., and REID, IAN, M., an ultrastructural and biochemical study of hexachlorophane-induced fatty liver in sheep 33

HARRIS, H., COCHRAN, A. J., WIENER, F., and KLEIN, G., genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid. . . 1

JAMIESON, S. W., and CATTELL, VICTORIA, hyperacute rejection of guinea-pig to rat cardiac xenografts . . . 183

JUDD, P. A., FINNEGAN, P., and CURRAN, R. C., pulmonary sarcoidosis: a clinico-pathological study . . 191

KEYMER, I. F., and SCOTT, G. B. D., ulcerative colitis in apes: a comparison with the human,disease . . 241

KLEIN, G., COCHRAN, A. J., WIENER, F., and HARRIS, H., genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid . . 1

LEWIS, ELIZABETH, and TURK, J. L. comparison of the effect of various antisera and cobra venom factor on inflammatory reactions in guinea-pig skin. I. Non-specific inflammation due to the intradermal injection of turpentine 97

LEWIS, ELIZABETH, and TURK, J. L., comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin. II. The Arthus reaction and the local Schwartzman reaction 111

LOPES DE FARIA, J., QUEIROZ, L. S., and CRUZ NETO, J. N., an ependymoblastoma of the pons 207

MCCORMACK, M., prolonged survival with persistent atrioventricular ostium and pulmonary stenosis 127

PAGE

McDOUGALL, A. C., REES, R. J. W., and WEDDELL, A. G. M., the testis in mice infected with *Mycobacterium leprae* . 73

McDOUGALL, A. C., REES, R. J. W., WEDDELL, A. G. M., and WAJDI KANAN, M., the histopathology of lepromatous leprosy in the nose . 215

McDOUGALL, JENNIFER, and SMITH, J. F., the development of the human type II pneumocyte 245

MANN, PATRICIA, R., and CRUICKSHANK, C. N. D., an eosinophilotactic factor derived from rat mast cells . . 91

MEACHIM, G., and FERGIE, I. A., morphological patterns of articular cartilage fibrillation 231

MITCHINSON, M. J., SHERMAN, K. P., and STAINER-SMITH, A. M., brown patches in the epididymis 57

MOLLAND, ELIZABETH, A., and PURCELL, M., biliary atresia and the Dandy-Walker anomaly in a neonate with 45,X Turner's Syndrome . . . 227

PLATT, H., haemorrhagic nasal polyps of the horse 51

PRATHAP, K., diet-induced aortic atherosclerosis in Malaysian long-tailed monkeys (*Macaca irus*) . . . 163

PURCELL, M., and MOLLAND, ELIZABETH A., biliary atresia and the Dandy-Walker anomaly in a neonate with 45,X Turner's Syndrome 227

QUEIROZ, L. S., LOPES DE FARIA, J., and CRUZ NETO, J. N., an ependymoblastoma of the pons . . . 207

REES, R. J. W., McDOUGALL, A. C., and WEDDELL, A. G. M., the testis in mice infected with *Mycobacterium leprae* . 73

REES, R. J. W., McDOUGALL, A. C., WEDDELL, A. G. M., and WAJDI KANAN, M., the histopathology of lepromatous leprosy in the nose . 215

REID, IAN M., and HALL, GRAHAM, A., an ultrastructural and biochemical study of hexachlorophane-induced fatty liver in sheep 33

SCOTT, G. B. D., and KEYMER, I. F., ulcerative colitis in apes: a comparison with the human disease . . 241

SHERMAN, K. P., MITCHINSON, M. J., and STAINER-SMITH, A. M., brown patches in the epididymis 57

SMITH, I. I., and STUART, A. E., effects of simple lipids on macrophages *in vitro* 13

SMITH, I. I., and STUART, A. E., histological effects of lipids on the liver and spleen of mice 63

SMITH, J. F., and McDOUGALL, JENNIFER, the development of the human type II pneumocyte 245

STAINER-SMITH, A. M., MITCHINSON, M. J., and SHERMAN, K. P., brown patches in the epididymis 57

STEER, H. W., and COLIN-JONES, D. G., melanosis coli: studies of the toxic effects of irritant purgatives . . 199

STUART, A. E., and SMITH, I. I., effects of simple lipids on macrophages *in vitro* 13

STUART, A. E., and SMITH, I. I., histological effects of lipids on the liver and spleen of mice 63

THOMPSON, AUDREY, and DAVIES, G. E., effects of corticosteroid treatment and inflammation on the cellular content of blood and exudate in mice . . 17

TURK, J. L., and LEWIS, ELIZABETH, comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin. I. Non-specific inflammation due to the intradermal injection of turpentine . 97

TURK, J. L., and LEWIS, ELIZABETH, comparison of the effect of various antisera and cobra venom factor in inflammatory reactions in guinea-pig skin. II. The Arthus reaction and the local Schwartzman reaction . 111

WAJDI KANAN, M., McDOUGALL, A. C., REES, R. J. W., and WEDDELL, A. G. M., the histopathology of lepromatous leprosy in the nose 215

WATSON, D. A., APARICIO, S. R., DONNELLY, R. J., and DEXTER, F., light and electron microscopy studies on homograft and heterograft heart valves 147

WEDDELL, A. G. M., McDOUGALL, A. C., REES, R. J. W., and WAJDI KANAN, M., the histopathology of lepromatous leprosy in the nose 215

WEDDELL, A. G. M., REES, R. J. W., and McDOUGALL, A. C., the testis in mice infected with *Mycobacterium leprae* . 73

WHITTAKER, D. K., an ultrastructural study of initial changes in epithelium damaged by surface freezing . . 131

WHITTAKER, D. K., ultrastructural changes in muscle following freezing *in situ* by a surface-applied cold probe . . 139

WIENER, F., COCHRAN, A. J., KLEIN, G., and HARRIS, H., genetic determinants of morphological differentiation in a lymphoma-sarcoma hybrid . . 1